

HW:

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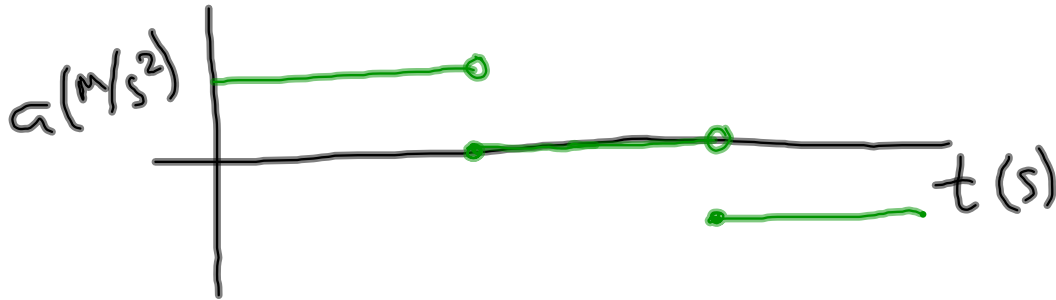
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Change of definition of average
Speed:

$$V_{\text{avg.}} = \frac{\text{total distance}}{\text{total time}}$$

Acceleration v. time graphs:



- Slope is called "jerk," and it is the rate of change of acceleration.
Useful for automotive engineers.

- Acceleration =
$$\frac{\text{change in velocity}}{\text{change in time}}$$
$$= \frac{\bar{V}_f - \bar{V}_i}{t_f - t_i}$$

